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<b>AMENDMENT TRANSMITTAL LETTER</b>			Docket No. R2184.0056/P056-B
Application No. 10/621,465	Filing Date July 18, 2003	Examiner Audrey Y. Chang	Art Unit 2872

Applicant(s): Hiroyoshi Funato

Invention: OPTICAL PICKUP APPARATUS HAVING IMPROVED HOLOGRAPHIC OPTICAL  
ELEMENT AND  
PHOTODETECTOR

**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	18	- 18 =		x	
Independent Claims	3	- 2 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					

☒ Large Entity

☐ Small Entity

☐ No additional fee is required for this amendment.

☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.

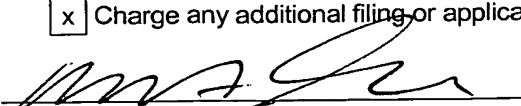
☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized to charge and credit Deposit Account No. 04-1073  
as described below. A duplicate copy of this sheet is enclosed.

☒ Credit any overpayment.

☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

  
Mark J. Thronson  
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Dated: December 27, 2004

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Docket No.: R2184.0056/P056-B  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Hiroyoshi Funato

Examiner: Audrey Y. Chang

Application No.: 10/621,465

Art Unit: 2872

Filed: July 18, 2003

For: OPTICAL PICKUP APPARATUS HAVING  
IMPROVED HOLOGRAPHIC OPTICAL  
ELEMENT AND PHOTODETECTOR

**AMENDMENT IN RESPONSE TO AFTER FINAL OFFICE ACTION**

Commissioner for Patents  
MS: Amendment  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is in response to the Office Action dated October 7, 2004. Please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.